

**OBJECTIVES:**

1. Create your first web page
2. Know the four major tags
3. Add comments to your webpage
4. Insert Meta tags in an HTML document

**LAB 1**

1. Open up Notepad or WordPad
2. Type the following HTML code in your document

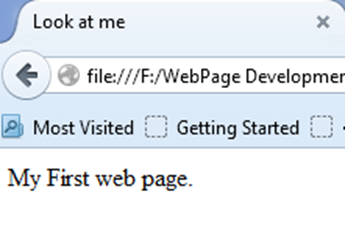
**<!DOCTYPE html>**

**<!--Can You See Me -->  
  
<html >  
  
<head>**<META name="keywords" content="First, Webpage, Hello, World">

**<title>Look at me</title></head>  
<body>  
  My First web page.   
</body>  
  
</html>**

1. Save as Lab1.html or .htm
2. Open a browser up and view your document

**Should look similar to the example below:**



**Congrats you’re a Web Page Designer! ☺**

**QUESTIONS:**

1. What are your 4 major tags?
2. How can you identify an open tag and a closed tag?
3. Where does the text go that appears between the <title> TEXT </title>?
4. How can you identify an emptied tag?
5. Does different Browser view HTML code differently? Google it!
6. List several Browsers:
7. List several Search Engines:
8. What is an attribute of an HTML tag?
9. What extension do you use to save an HTML document?

1. Did you see the text in the <!-- ……--> tag?

**Code Break Down**

**<!DOCTYPE ....> Is Mandatory**

The <!DOCTYPE> declaration must be the very first thing in your HTML document, before the <html> tag.

The <!DOCTYPE> declaration **is not** an HTML tag; it is an instruction to the web browser about what version of HTML the page is written in.

There are four major tags of a web page.

1. **<html> ….. </html> -** opens an HTML document for Browsers to interpret. All tags and text are located between these two tags
2. **<head> …. </head> -** Opens up the heading so a title can be put in your page. Located between the <html>’s tags
3. **<title> - This is where you put the title of the page and it will show above the toolbar not on the main screen area. </title>.** The <title> & </title> is located between the open and closed tags of the <head> tags.
4. **<body> This is where most of your text and code goes</body>.** The <body> tags are located between the <html> & </html> tags.

**Note\*\*\* Your tags commands should be lowercase letters.**

**Meta Tags Definition and Usage**

Metadata is data (information) about data.

The <meta> tag provides metadata about the HTML document. Metadata will not be displayed on the page, but will be machine parsable.

Meta elements are typically used to specify page description, keywords, author of the document, last modified, and other metadata.

The metadata can be used by browsers (how to display content or reload page), search engines (keywords), or other web services.

**Tips and Notes**

**Note:** <meta> tags always goes inside the <head> element.

**Note:** Metadata is always passed as name/value pairs.

**Note:** The content attribute MUST be defined if the name or the http-equiv attribute is defined. If none of these are defined, the content attribute CANNOT be defined.

**Examples**

**Example 1 - Define keywords for search engines:**

<meta name="keywords" content="HTML, CSS, XML, XHTML, JavaScript">

**Example 2 - Define a description of your web page:**

<meta name="description" content="Free Web tutorials on HTML and CSS">

**Example 3 - Define the author of a page:**

<meta name="author" content="Hege Refsnes">

**Example 4 - Refresh document every 30 seconds:**

<meta http-equiv="refresh" content="30">

**Comments: <!- - … - ->**

## Definition and Usage

The comment tag is used to insert comments in the source code. Comments are not displayed in the browsers.

You can use comments to explain your code, which can help you when you edit the source code at a later date. This is especially useful if you have a lot of code.